APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AK NAUK TEKH NAUK No 5 May 1947

12 pp

"The Results of the Development and Testing of an Experimental Installation for the Solution of Systems of Differential Equations"

N. V. Korolkov

ST-100
IAN-OTN 5/49
SR 10 July 1950
Project 4573

91110

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AK NAUK TEKH NAUK No 5 May 1947

56 pp

"The Solution of Systems of Linear Equations by Means of L. I. Gutgenmacher's Electric Models"

ST-100
ST-154
IAN-OTN 5/49
Proj 8358
SR 4/27/51

9T109

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Investigations of Carbides in High Speed Steels, by V. I. Arkharov.

FRENCH, Bulletin de L'academie des sciences de l'urss, No 6, 1947.

Brutcher Tr 2018

X
Scientific - Chemistry $5.70

12,851

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Musaev, E. A. and Galpern, G. D.
PLATINIZED CHARCOAL IN ANALYTICAL HYDRO- AND DEHYDROGENATION OF HYDROCARBONS.
[1963] 5p (figs omitted) 11refs
Order from OTS, SLA or ETC $1.10 TT-63-20803

Trans. of [Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya] 1947, no. 7, p. 805-808.

DESCRIPTORS: *Activated carbon, *Platinum catalysts, *Petroleum, Hydrocarbons, Chemical analysis, *Cyclohexanes, *Dehydrogenation, *Benzenes, *Hydrogenation.

(Chemistry--Analytical, TT, v. 11, no. 5)

TT-63-20803

I. Musaev, E. A.
III. Galpern, G. D.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

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Vasilev, S. F. and Glushnev, V. E.
OXIDATIVE REFORMING OF GASOLINES OF THE TUIMAZIN DEVONIAN PETROLEUM. [1961] [7]p.
Order from OTS or SLA $1.10 62-10308

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1947, no. 7, p. 825-828.

DESCRIPTORS: *Petroleum, *Gasoline, Processing, Fractionation, Oxidation, Hydrocarbons, Decomposition, Desulfurization, Purification, Zinc compounds, Chlorides, Chemical reactions.

(Engineering--Chemical, TT, v. 7, no. 8)

62-10308

I. Vasilev, S. F.
II. Glushnev, V. E.

201322

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Formation of the Micro-Structure of Coke, by
B. A. Onusaitis, N. P. Yur'yevskaya.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 7, 1947, pp 881-894.

HB 2195
RAE Tr 733

Sci

Jun 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

The Changes in Colloido-Chemical Structure of Coal During Oxidation, by B. Omsartis and A. I. Krisanfova.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Vol VII, 1947, pp 895-900.

IRSDC-T-1301

Sc1

Jul 58

68,282

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Construction of Free Streamline Flows by the Method of Electrical Simulation, by D. A. Efros.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 9, 1947, pp 1061-1068.

Navy Tr. 1

*ONI

Sci - Electronics
Jun 58

SLA 59-14367

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Khasilyev, V. Y.
SOME PROBLEMS OF HEAT SUPPLY TO TOWNS (Nekotoryye Voprosy Teplosnabzheniya Gorodov) tr. by G. N. Gibson. May 53, 20p. (4 tables, 1 ref. omitted) Library communication no. 675; M2169. Order from LC or SLA mi$2.40, ph$3.30 61-13664

Trans. of Akademiya Nauk SSSR. Otdeleniye Tekhnicheskikh Nauk. Izvestiya, 1947, no. 9, p. 1193-1206.

An account is given of a method of determining the regions of rational application of the different types of heat supply sources for towns by which the effect of combination may in all cases be estimated from the efficiency obtained. (Author)

(Engineering--Mechanical, TT, v. 5, no. 7)

61-13664

1. Heat production--Development
2. Urban areas
3. Structures--Heating
I. Khasilyev, V. Y.
II. LC-675
III. DSIR LLU M.2169
IV. Department of Scientific and Industrial Research (Gt. Brit.)

148,720

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AKAD NAUK SSSR, OTDEL TEKH NAUK

No 10, 1947, 5¼ pp

"Summary of Works by Authors in the Field of Aerodynamics"

A.I. Nekrasov

Available @ Sci Museum
50/0394
G. Britain

40T4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AKAD NAUK SSSR, OTDEL TEKH NAUK
No 10, 1947, 36 pp

"Technical Sciences in the Academy of Sciences of the USSR"

Proj 1101
Trans 22/49
T.C. 6 Dec 1948
4713.1b

40T2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

The Effectiveness of Supercavitating Propellers, by V. L. Posdyunin, 7 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 10, 1947, pp 1271-1274. CIA 9014842

ACSIL Tr 859

Sci. - Engrng Aeronautics
Jan 58

57,197

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AKAD NAUK SSSR, OTD TEKH NAUK No 11, 1947
3 pp

"Works of the Seminar on Precision Mechanics and Calculating Machine Techniques, Conducted by Academician N.G. Bruyevich"

O. N. Korasakov

Proj 4567
ST-100

S.R. 26 June 1950

52T30

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AKAD NAUK SSSR, OTD TEKH NAUK No 11, 1947,
22 pp

"Differentiation in Calculating Machines"

I. M. Rapoport

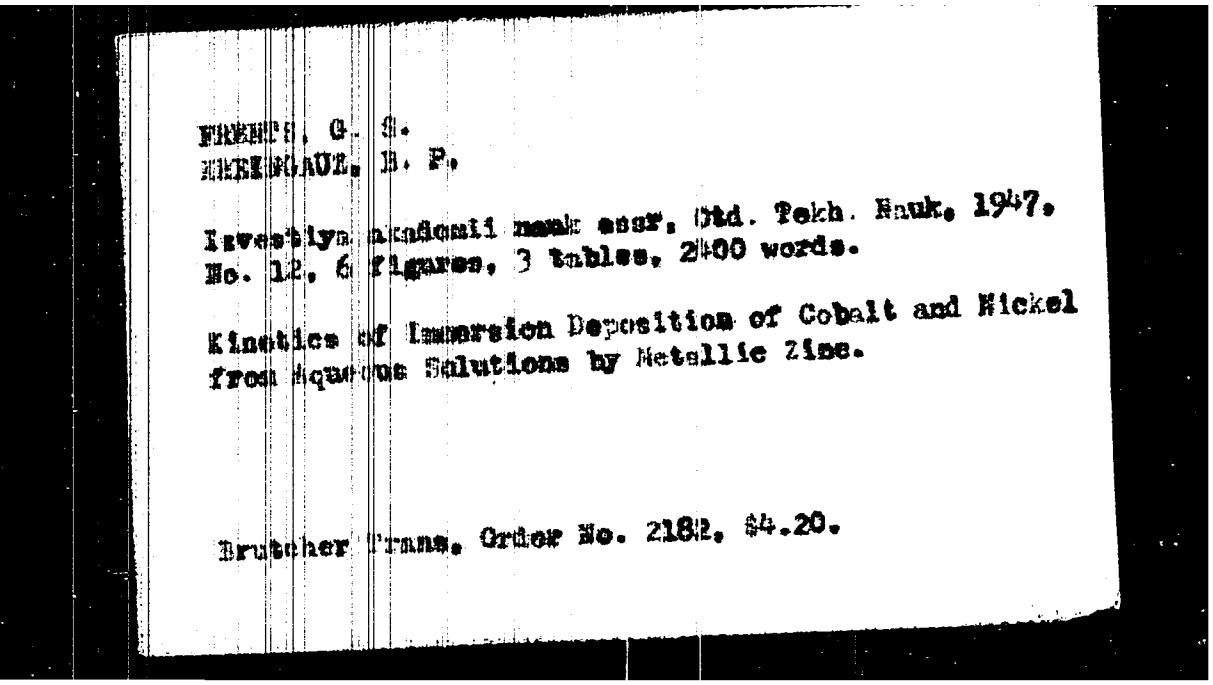
IAN-OTN-11/47
not published
ST-100

S.R. 25 May 1950

52T46

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4



FRENKEL', G. S.
ERLIKMAN, B. P.

Izvestiya akademii nauk ssar, Otd. Tekh. Nauk, 1947.
No. 12, 6 figures, 3 tables, 2400 words.

Kinetics of Immersion Deposition of Cobalt and Nickel from Aqueous Solutions by Metallic Zinc.

Brutcher Trans. Order No. 2182, $4.20.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Dependence of the Heat Resistance of Aluminum Alloys Upon Their Composition and Structure, by A. A. Bochvar, 31 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, 1947, pp 1369-1384.

AEC Tr 3268

Scl - Min/Met

Sep 58

75,752.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

CHIZHEVSKII, N. P.
CHERNYSHEV, D. M.

Izvestiya akademii nauk sssr, 1948, No. 1, 1 figure, 220 words.

The Combustibility of Coke.

Brutcher Trans, Order No. 2168, $3.85.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

RASTEGAEV, M. V.

Izvestiya Akademii Nauk SSSR, Otd. Tekh, Nauk, 1948.
No. 1, 9 figures, 2200 words.

Influence of rolling and forging upon mechanical properties of medium carbon steel.

Brutcher, Trans. Order No. 2160, $3.85

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Determination of Stresses in a Circular Ring Under the Action of Concentrated Forces, by M. Z. Nhrodetskiy.
RUSSIAN, per, Iz Ak Nauk SSSR, OTN, No 1, 1948, pp 7-18.
Dept of Navy
NVY Tr No 4495/NRL 1047

297,487

Sci - Engr

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

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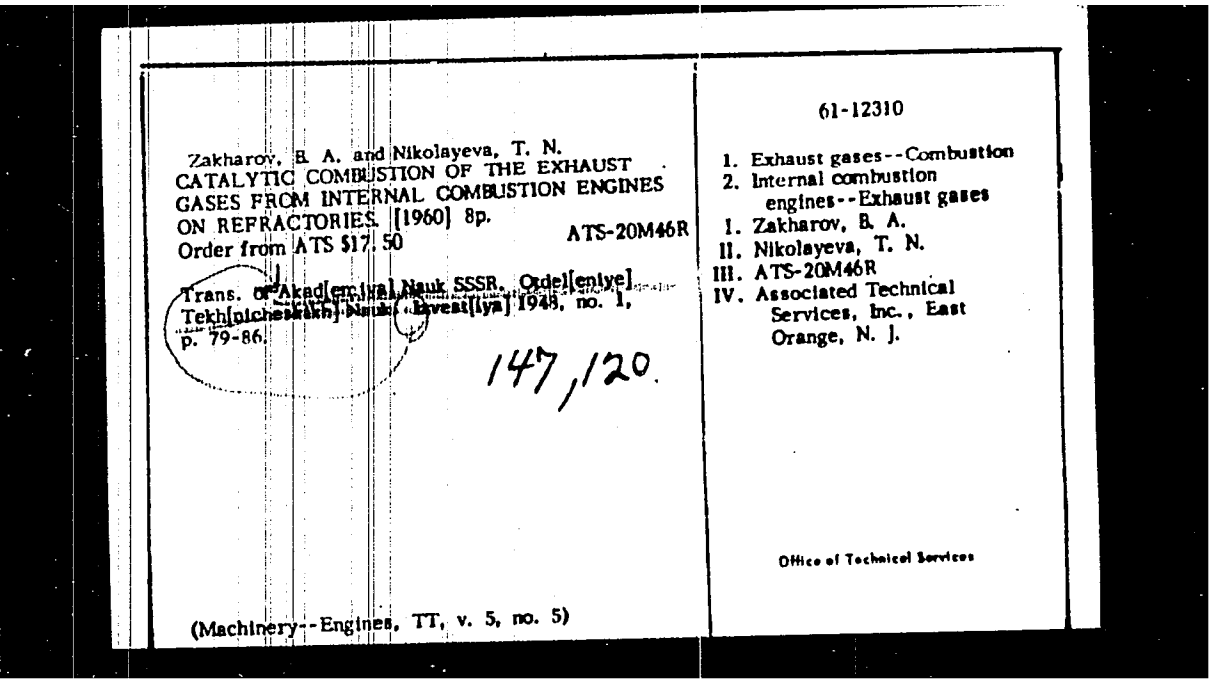

Zakharov, B. A. and Nikolayeva, T. N.
CATALYTIC COMBUSTION OF THE EXHAUST GASES FROM INTERNAL COMBUSTION ENGINES ON REFRACTORIES. [1960] 8p.
Order from ATS $17.50 ATS-20M46R

Trans. of Akad[emiya] Nauk SSSR, Otdel[eniye] Tekh[nicheskikh] Nauk, Izvest[iya] 1948, no. 1, p. 79-86.

147,120.

(Machinery--Engines, TT, v. 5, no. 5)

61-12310

1. Exhaust gases--Combustion
2. Internal combustion engines--Exhaust gases
I. Zakharov, B. A.
II. Nikolayeva, T. N.
III. ATS-20M46R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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NCH-201 492 Field 11F, 7D

Frents, G. C.
REACTION OF METAL OXIDES AND SULPHIDES WITH METAL CHLORIDES (Reaksii Vzaimodeistviya Okislov i Sulfidor s Khloridami Metallor). Jan 65, 5p. 5refs.
RTS-2673.
Order from NLL: 10s as RTS-2673

Trans. of Akademiya Nauk SSSR, Otdelenie Tekhnicheskikh Nauk, Izvestiya) n2 p235-8 1948.
Presented at Colloquium of the A. A. Baikov Institute of Metallurgy of the AN SSSR in Mar 47.

1. Lending Library for Science and Technology, Boston Spa (England)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZV AKAD NAUK SSSR, Otdel Tekh Nauk
No 3, 1948, 4pp

"The Theory of Power Gyroscopic Horizons"

B. V. Bulgakov

Ya. N. Roytenberg

U-419/49
Proj 2195
Midrofilm on file
ST-44

AR 5 Aug 1949

39T17

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

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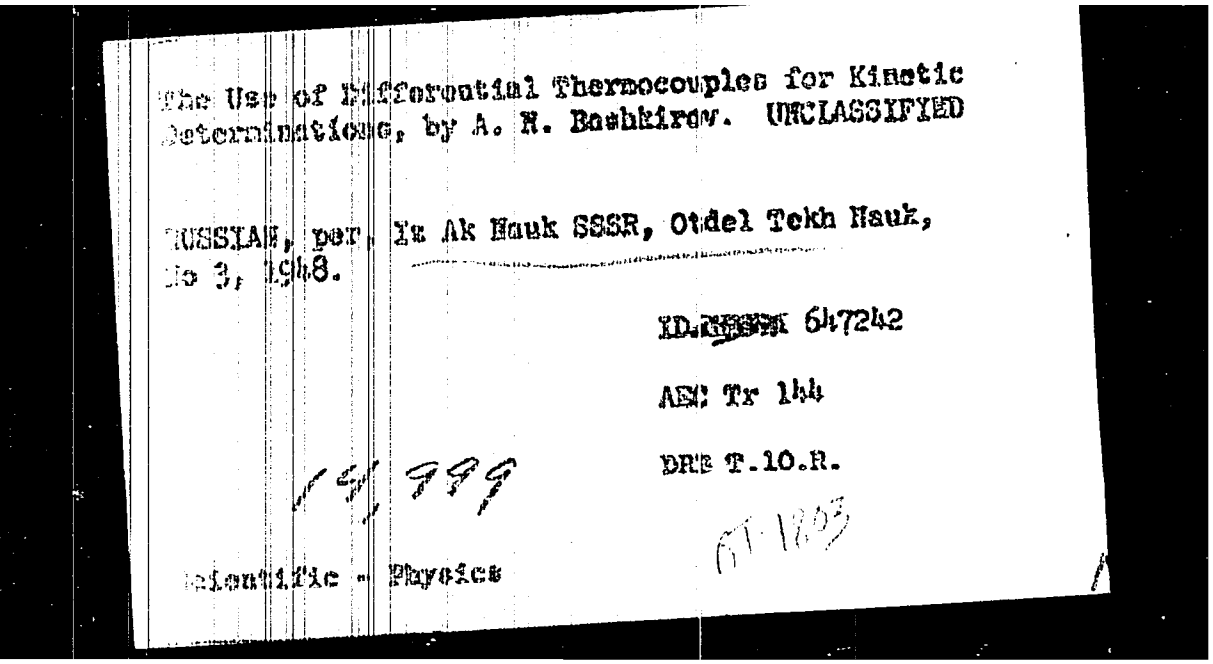

The Use of Differential Thermocouples for Kinetic Determinations, by A. N. Boshkirov. UNCLASSIFIED

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 3, 1948.

ID. 647242

AEC Tr 144

DRB T.10.R.

47-799

AT-1803

Scientific - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Popkov, V. I.
THE THEORY OF BIPOLAR CORONA ON CONDUCTORS (Teoriya Bipolyarnoi Korony na Provodakh) tr. by G. Belkov. 1963, 24p. 10 refs. NRCC Technical Trans. 1074.
Order from NRCC $1.50 NRCC C-4457

Trans. of Akad[emiya] Nauk SSSR. Otdel[enie] Tekh-... [nicheskikh] Nauk. Izvest[iya] 1948, no. 4, p. 433-448.

DESCRIPTORS: Theory, Electric discharges, *Electrical corona, *Electrical conductance, Electric fields, Gas ionization.

(Physics--Electricity, TT, v. 10, no. 6)

63-17858

I. Popkov, V. I.
II. NRCC TT-1074
III. NRCC C-4457
IV. National Research Council of Canada

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

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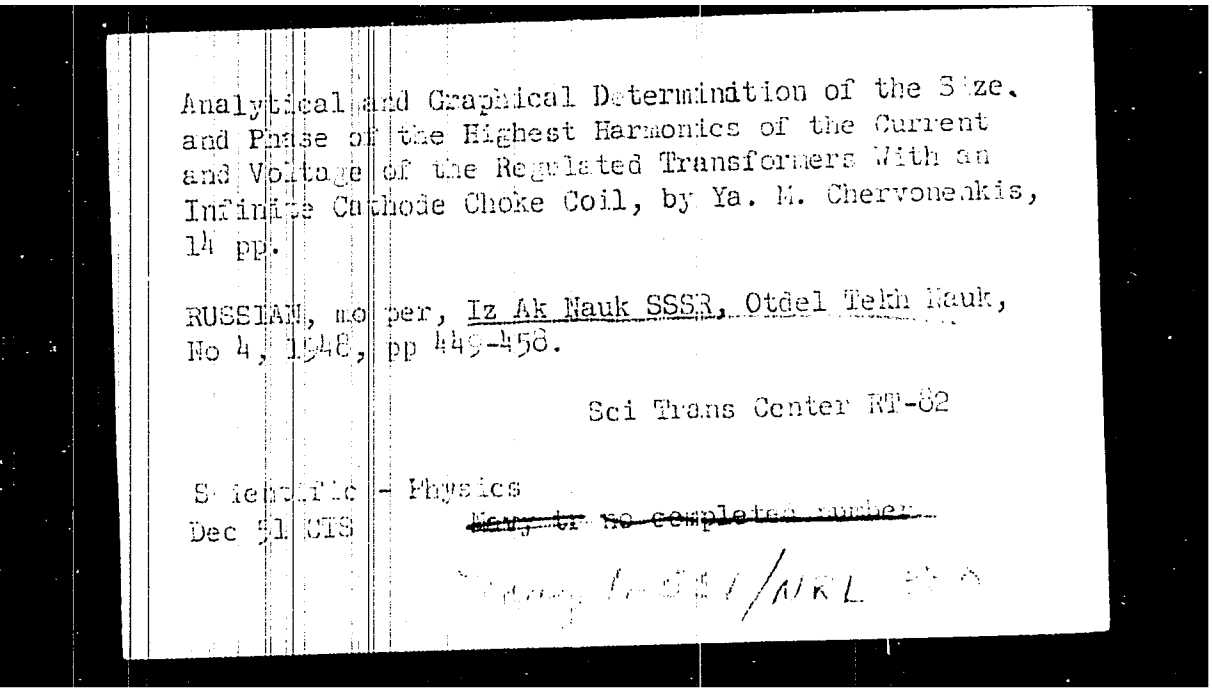

Analytical and Graphical Determination of the Size and Phase of the Highest Harmonics of the Current and Voltage of the Regulated Transformers With an Infinite Cathode Choke Coil, by Ya. M. Chervonenkis, 14 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 4, 1948, pp 449-458.

Sci Trans Center RT-82

Scientific - Physics
Dec 51 CIS

~~Req tr no complete number~~

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IAN Otdel Tekh Nauk No 4 (April 1948), pp 545-560

"The Molecular-Kinetic Basis of Hydrodynamic Equations"

author: A. S. Predvoditelev

Project 10601 UT #689 CD A.4003

SR 7-3-52

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Methods of Evaluating the Physico chemical Properties of Liquids, in Particular Their Combustibility, by G. M. Kmudyakov.

Full translation.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Tekh Nauk, No 4, 1948, pp 579-584.

AEC Tr 1280

Scientific - Chemistry

Jun 52 CTS DEK

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZ AK NAUK SSSR, Otdel Tekh Nauk No 6, 22 3/4 pp, Jun 48

"Development of Soviet Research in the Field of the Chemistry and Chemical Technology of Petroleum"

S. R. Sergiyenko

To be done by AMC
Ref Tele - Item 9,
15 Dec 49

D-46

12/49T100

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZ AK NAUK SSSR, Otdel Tekh Nauk No 6, 20¾ pp, Jun 48

"Work of Soviet Scientists in the Field of the Propagation of Ultrahigh-Frequency Radio Waves"

A. G. Arenberg

Done by RDB
Copy in files

12/49T107

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Calculation of Designs of Machines in Creep, by by Yu. N. Rabotnov, 18 pp.

RUSSIAN, mo per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 6, 1948, pp 789, 800.

Sci Trans Center RT 2976

Scientific - Engineering

Feb 56
31,070

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Softening Temperatures of Iron Ores and Sinters, by L. M. Tsylev.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, 1958, No 6, pp 889-898.

Brutcher 4609

Sci - Min/Met
Jun 59

90,056

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

VINAROV, S. M.

Izventiya Akademii Nauk, Otd. Tekh. Nauk, 1948, No. 6, pp. 899-906; 6 figures, 2 tables, 3800 words.

Kinetics of Austenite Grain Growth in Steel with Low Boron Content.

Brutcher Trans, Order No. 2207, $ 6.65.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Heat Transmission From a Heating Surface to a Boiling One-component Liquid at Free Convection, by G. N. Kruzhilin, 20 pp,

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel. Tech Nauk, 1948, pp 967-980.

AEC Tr No 2060

Scientific - Physics Feb 55 CTS

21,232.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZ AK NAUK SSR, Otdel Tekh Nauk No 8, 1¼ pp, Aug 48

"In the Institute of Machine Studies, Academy of Sciences USSR"

M. N. Buchin

Proj 4563
IAN-OTN-8/48 Buchin ST-100

U-878
RDB-71
ST-100

14 June 1950 12/49T49

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Errors in Adjusting Mechanism Having Spur-Tooth Gears, by O. N. Korsokov, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 8, Aug 1948.

CIA/FDD/X-1236

Scientific - Engineering
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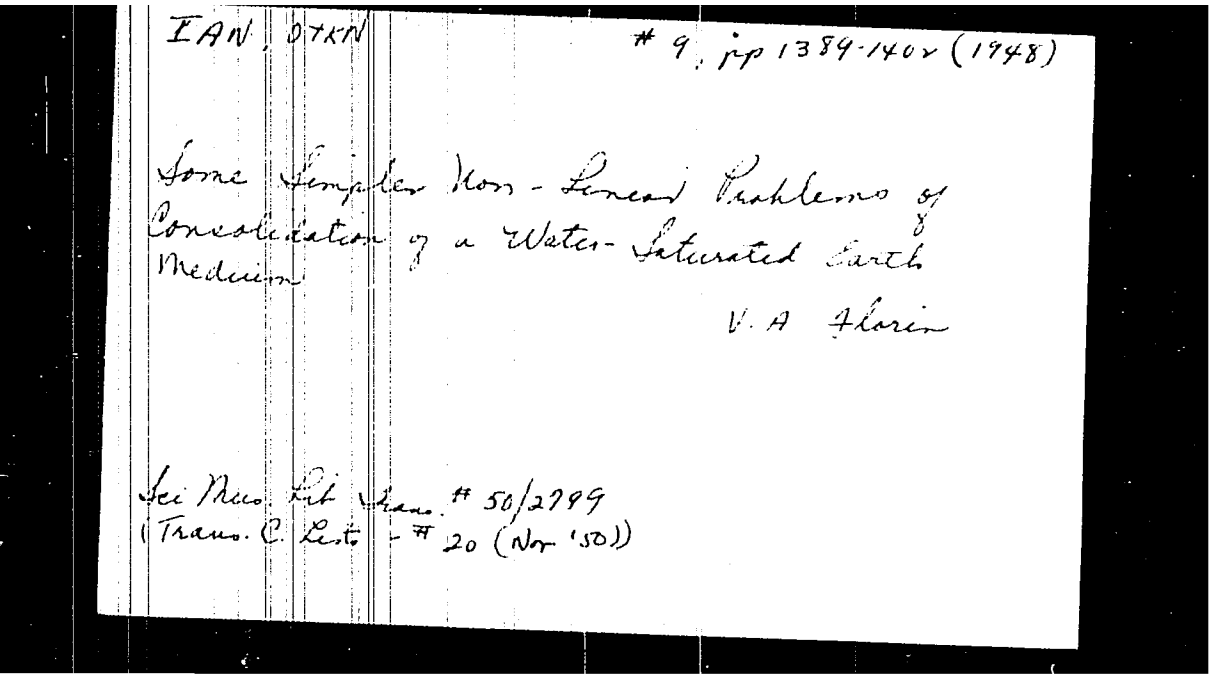
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4



IAN, DTKN

9, pp 1389-1402 (1948)

Some Simpler Non-Linear Problems of Consolidation of a Water-Saturated Earth Medium

V. A Florin

See Mec. Lit Trans. # 50/2799
(Trans. C. Lit. - # 20 (Nov '50))

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

Method of Determining The Tensile Strength of Metals, by G.V. Uzhik.

RUSSIAN, per, Iz Ak Nk SSSR, [redacted], No 10, 1948, pp 1547-1560. 9662369/

ATIC MCL 523/1

Sci - Min/Met
Jun 51

154, 939

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

KARNAUKHOV, M. M
MORGUNOV, A. N.

Izvestiya Akademii Nauk SSSR, Otd. Tekh. Nauk, 1948, No. 12, pp. 1845-1855; 8 figures, 6 tables, 3900 words.

Dissolution of hydrogen in liquid iron and alloys of iron with titanium, Columbium, and tantalum.

Brutcher, Trans. Order No. 2376, $7.75

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZ AK NAUK SSSR, OTDEL TEKH NAUK No 1 Jan 49

7 pp

"Heat Properties of Binary Copper Alloys"

M. V. Zakharov

in process
AEC 6/2/51

24/49T97

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

SAMARIN, A. M.
POLYAKOV, A. YU.

Izvestiya Akademii Nauk SSSR, otd, tekh. Nauk, 1949, No. 1, pp. 100-113; 4 figures, 6 tables, 4100-word condensed translation.

Brutcher, Trans. Order No. 2329, $6.00

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

On the Solution Mechanism of Carbides in Austenite, by V. I. Arkharov, S. T. Kiseler.

RUSSIAN, per, Iz Ak Nauk SSSR, Otd Tekh Nauk, No 1, 1949, pp 135, 137.

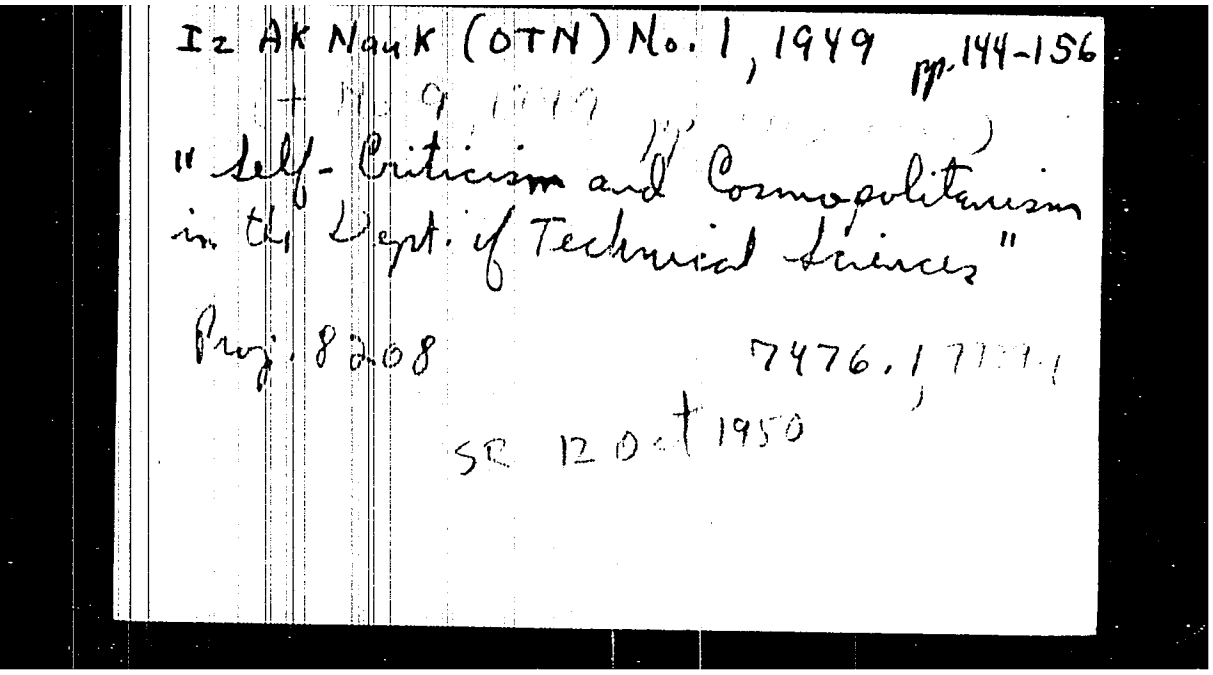
Brutcher Tr 2521

Scientific - Chemistry $1.60

12,852

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4



Iz AK Nauk (OTN) No. 1, 1949 pp. 144-156

"Self-Criticism and Cosmopolitanism in the Dept. of Technical Sciences"

Proj. 8208

7476.1

SR 120.t 1950

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170050-4

IZ AK NAUK SSSR, Otdel Tekh Nauk" No 4, 6 pp, 1949

"Combusion of a Moving Drop of Liquid Fuel"

G. N. Khudyakov

Done by Sci Mus Lit
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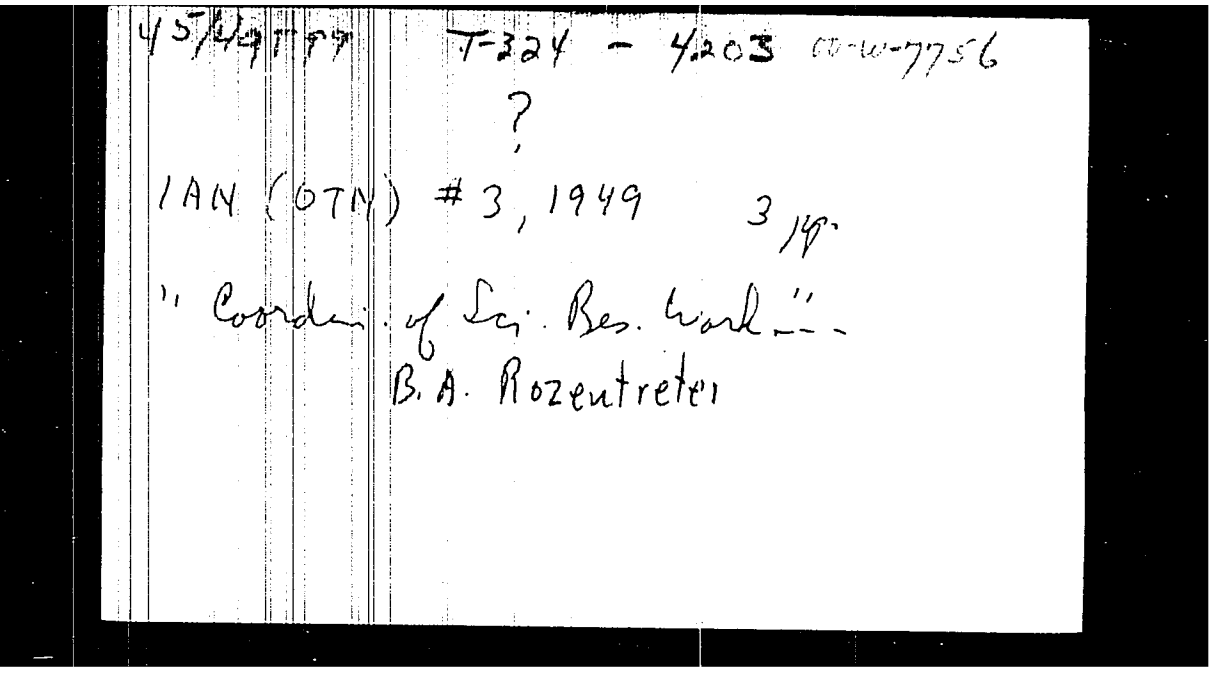

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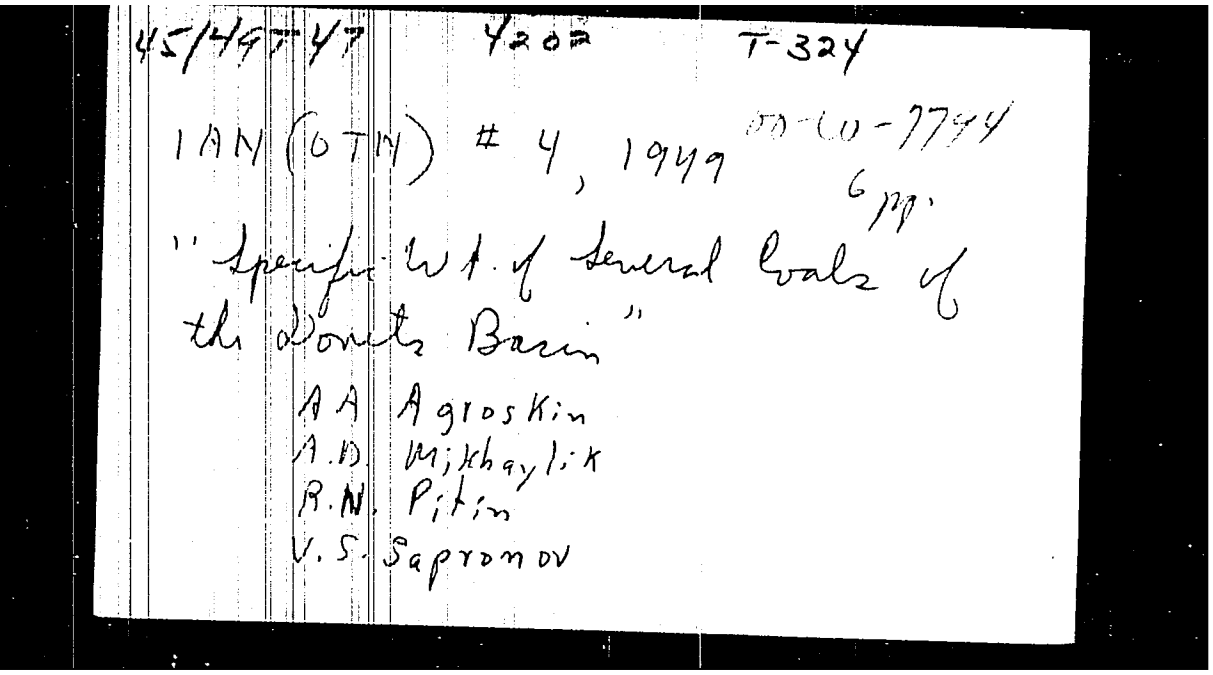

45/49-47 420 T-324

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6 pp.

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A.A. Agroskin
A.D. Mikhaylik
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V.S. Sapronov

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its Behavior in the Blast Furnace Process.

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Proj 4403

T-306

51/49T5

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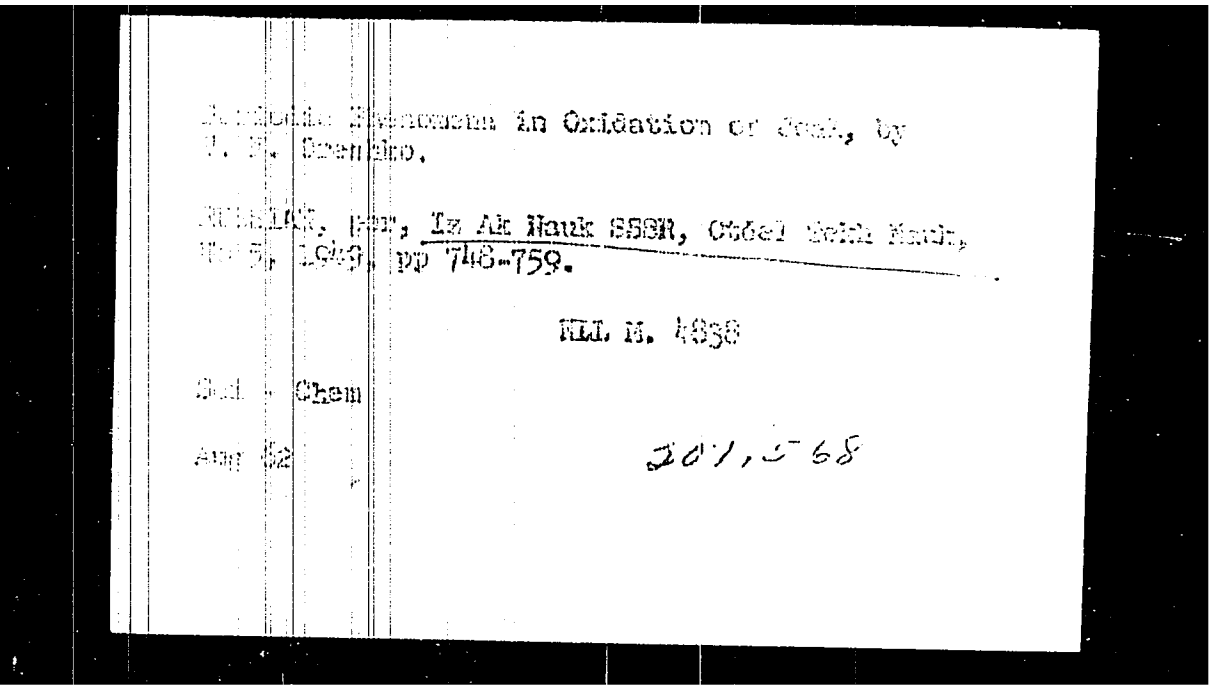

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I. Oreshko, V.F.
II. MTWL 472
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Will be done by AMC
See telegram from MCISXD-2
25 Jan 1950

52/49T8

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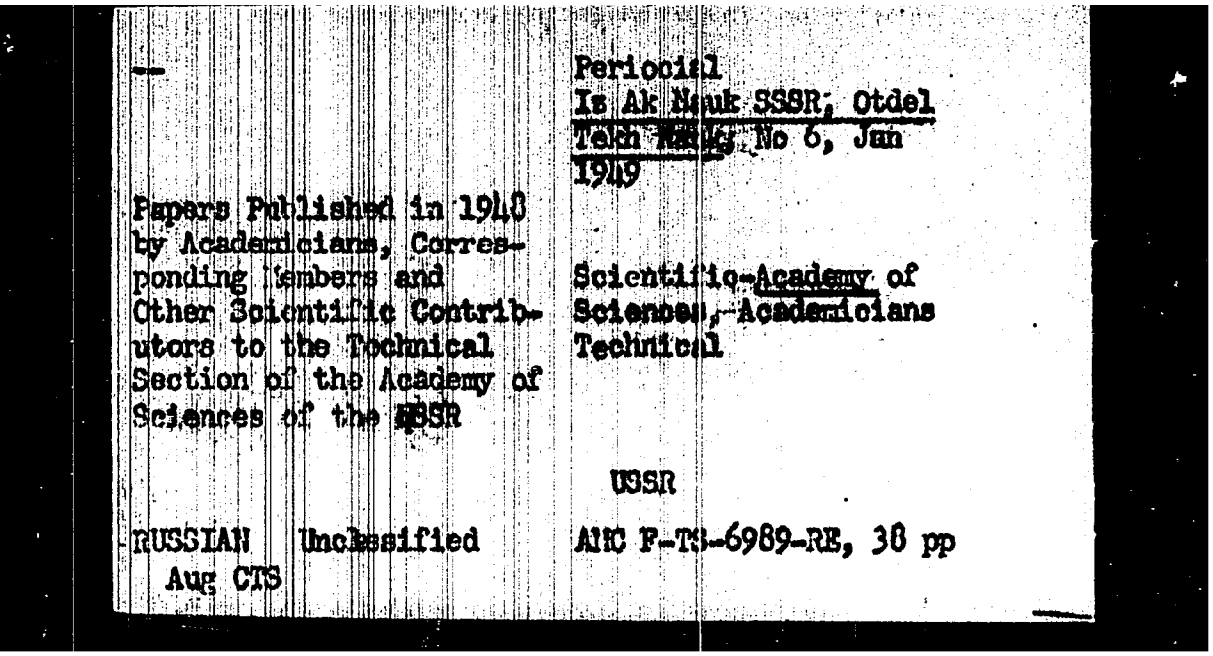

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SR 23 May 1950 52/49T5

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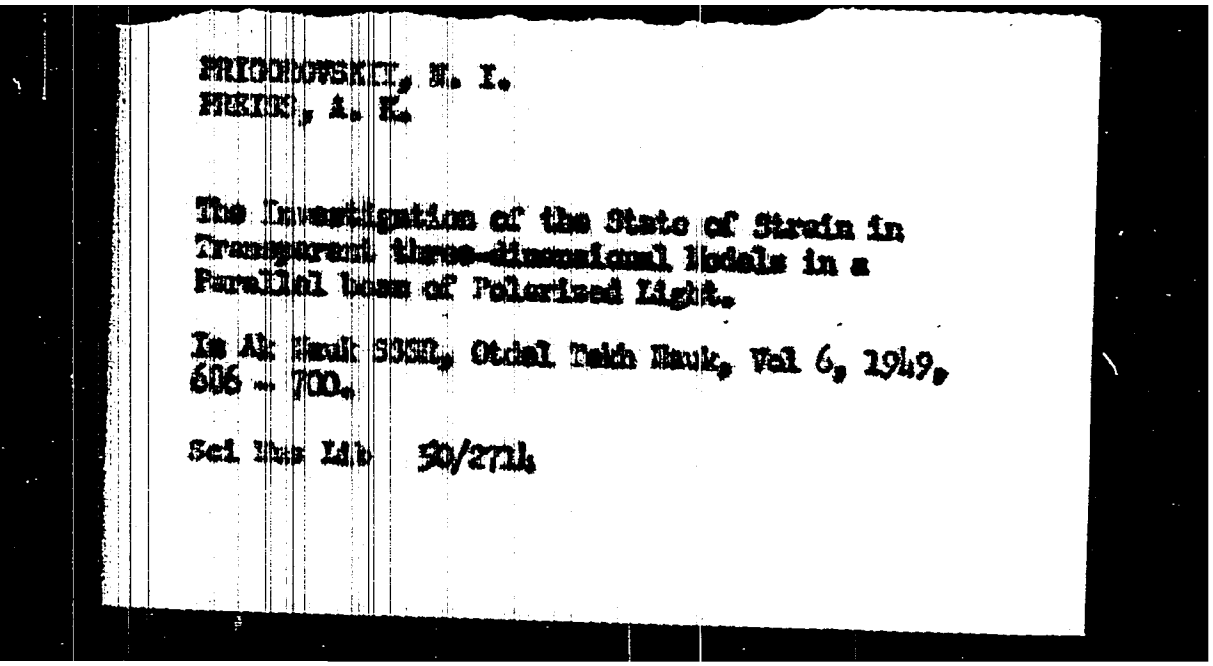

[redacted], M. I.
[redacted], A. K.

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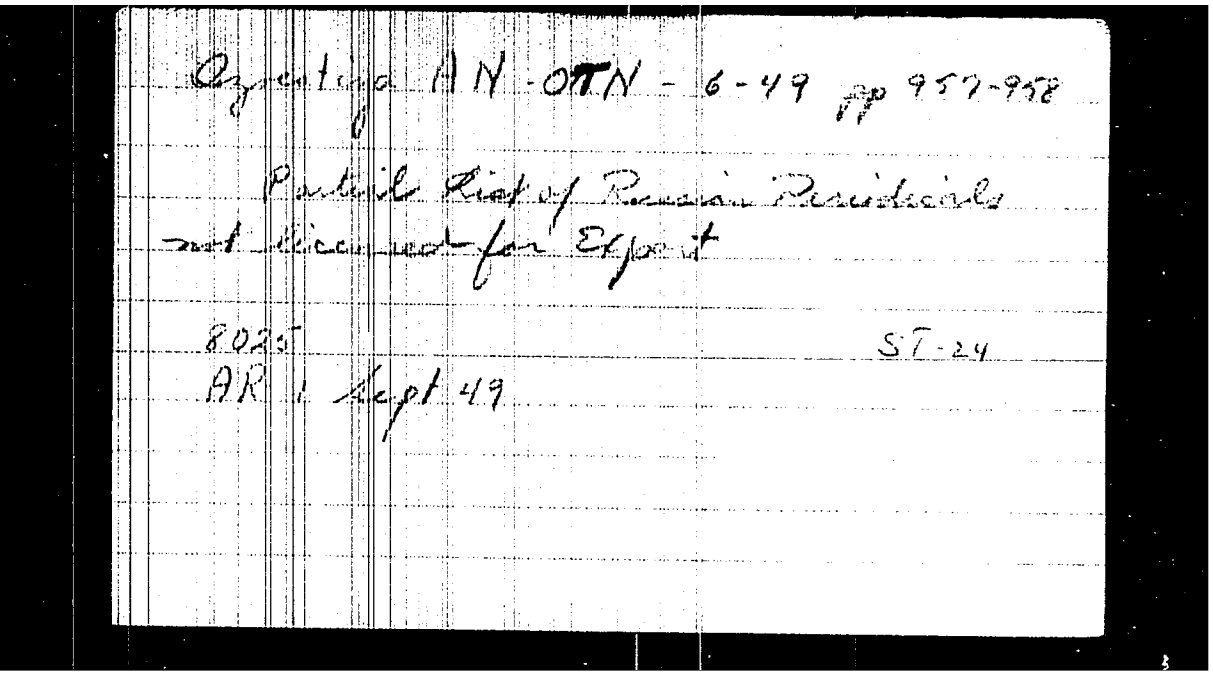

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G.D. Lidin

Proj 4102
T-306

SR 8 Sep 1950 52/49T88

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B.A. Rosentreter

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T-306

SR 1 Nov 1950 52/49T86

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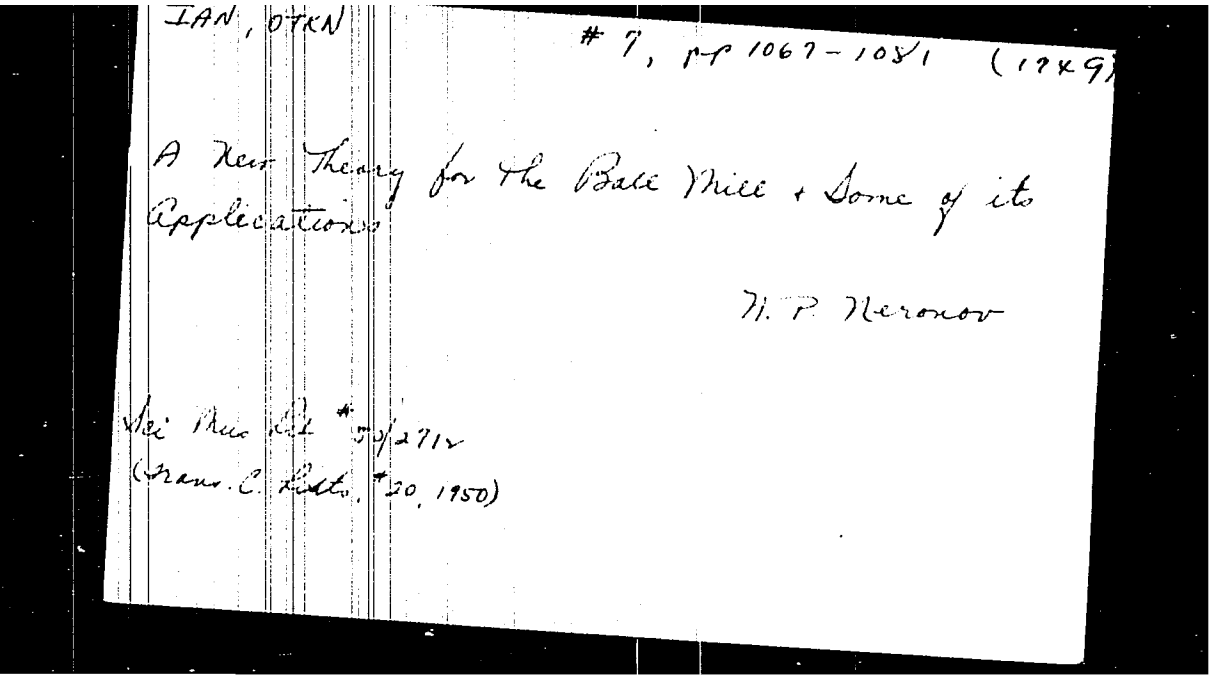

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N. P. Heronov

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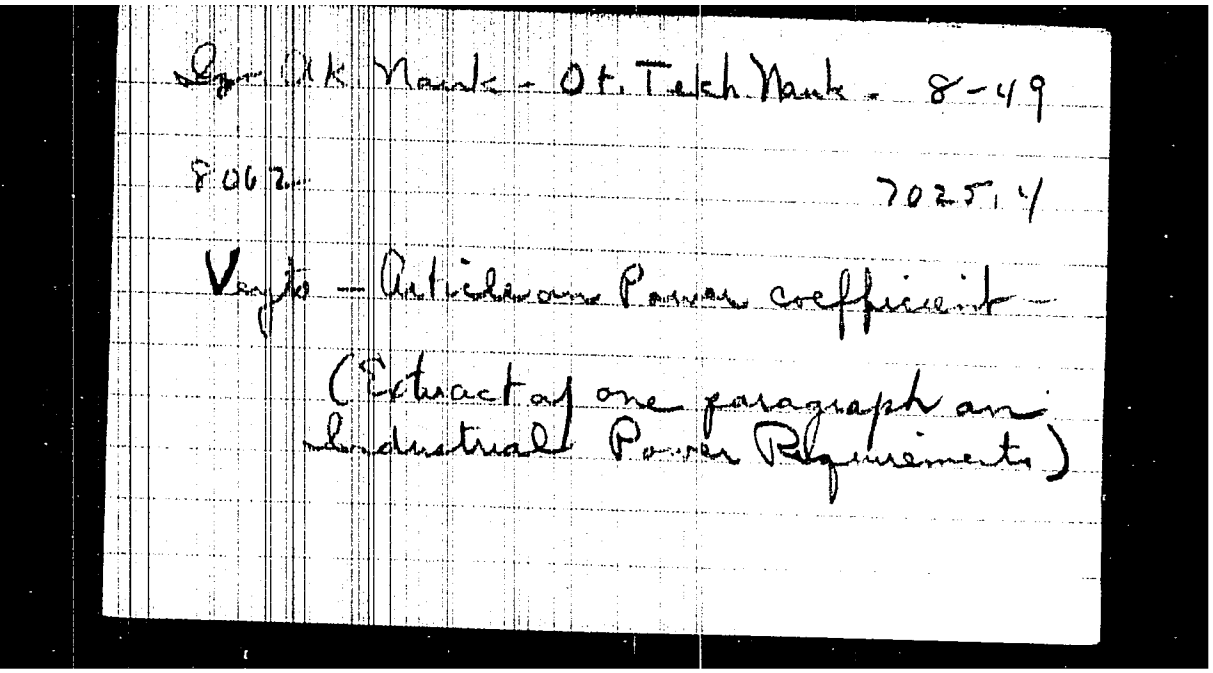

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(Extract of one paragraph on Industrial Power Requirements)

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Apr 60

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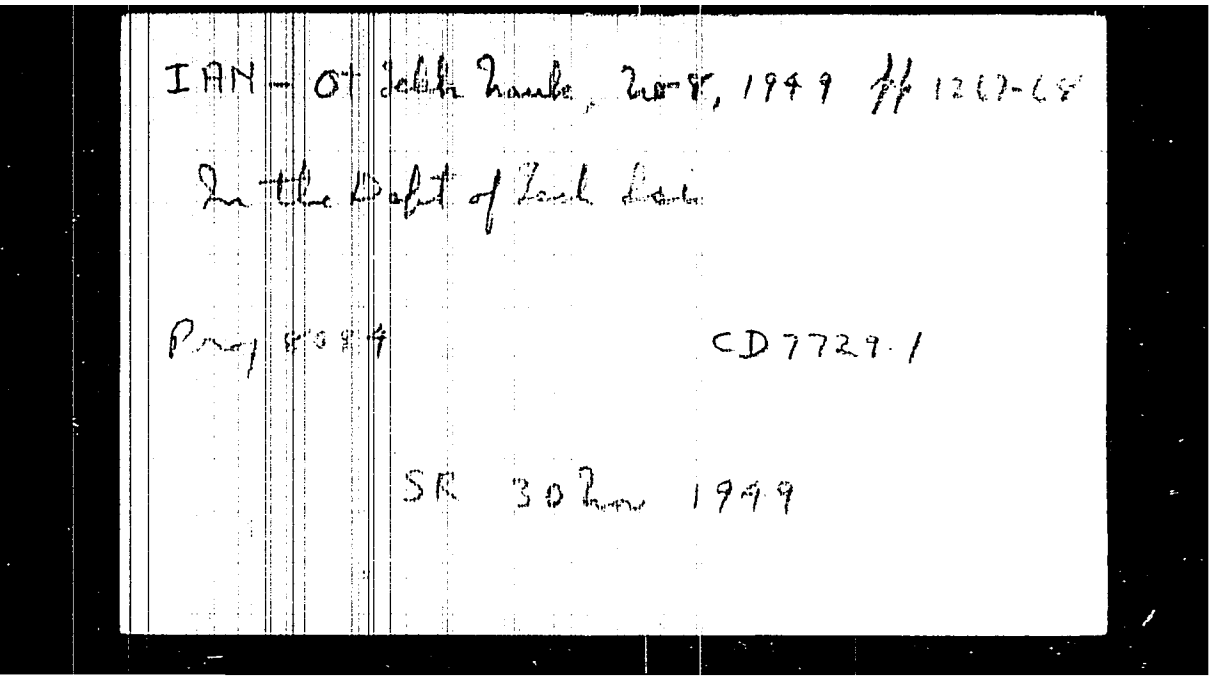

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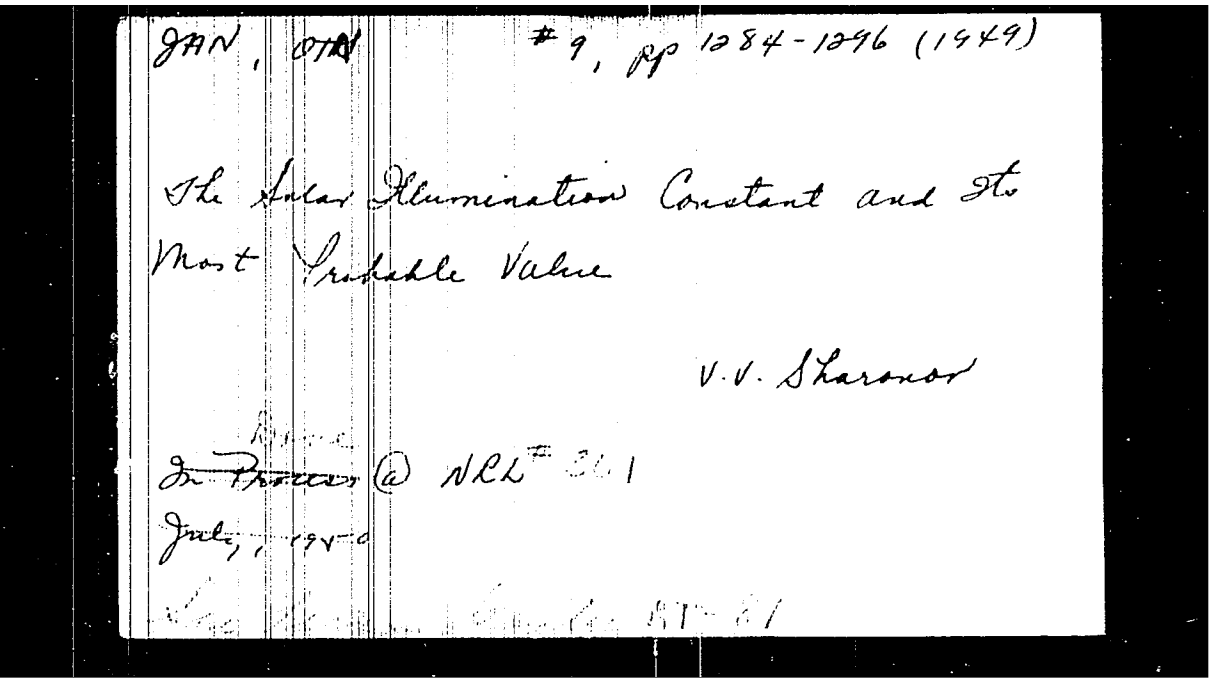

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V.V. Sharonov

In Press @ NRL 241

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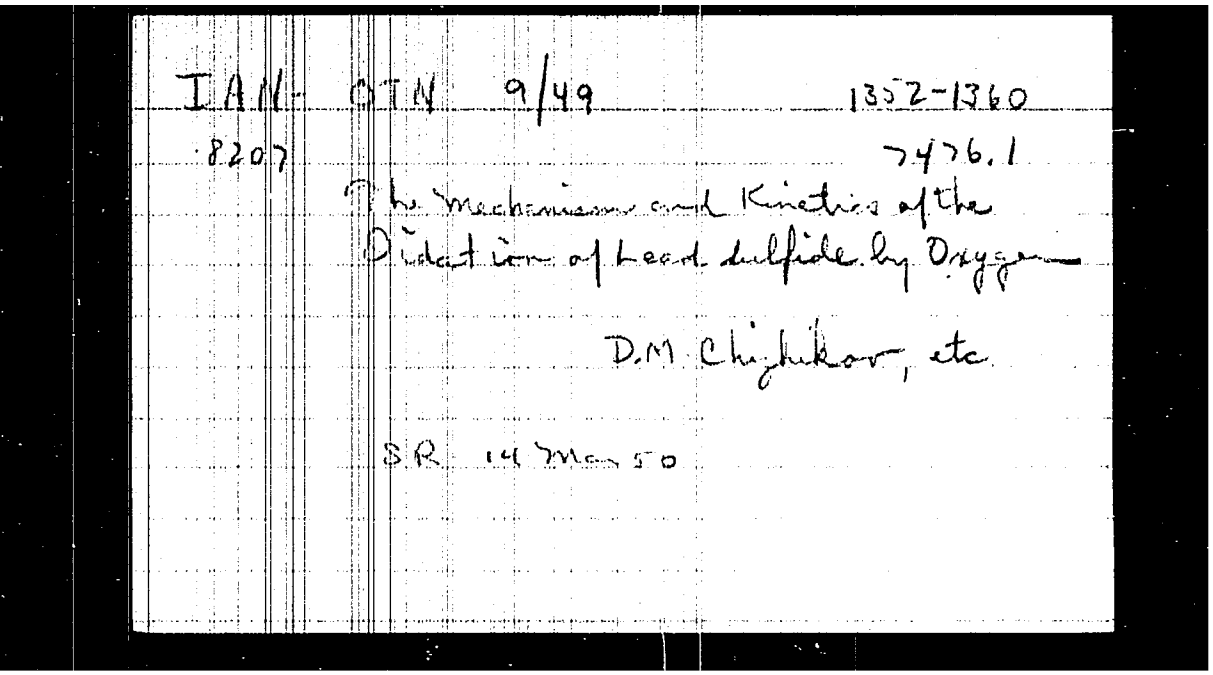

IAM: OTN 9/49 1352-1360

8207 7476.1

The Mechanism and Kinetics of the Oxidation of Lead Sulfide by Oxygen

D.M Chizhikov, etc

SR 14 Mar 50

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On the Mechanism of Plasticity in Homogeneous Metal Alloys at High Temperatures, by K. A. Osipov

EN Full translation.

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Jun 53 CTS/DEX

Scientific - Minerals/Metals

USSR LLO (Geo-) M.192

USSR Geological Risk Unit
Geological Survey, Reston, VA 3082 N.W.1

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pp. 1415 - 1423

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SR 120

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Increased Accuracy in Calculating the Coefficient of Heat Exchange Between a Gas and Particles in Suspension Obtained by the Thermal Boundary Layer Method by L. I. Kudryashev

RUSSIAN, Iz Ak Nauk SSSR, Otdel Tekh Nauk, 11, 1949, pp 1620-1625

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ASLIB-GB114. Mixing of gases and combustion in the heating system of coke ovens. Izvest. Akad. Nauk SSSR, O.T.N., no.11, p.1626-1641, 1949.

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NLL Ref: 9022.09 1963 (3082) (Loan)

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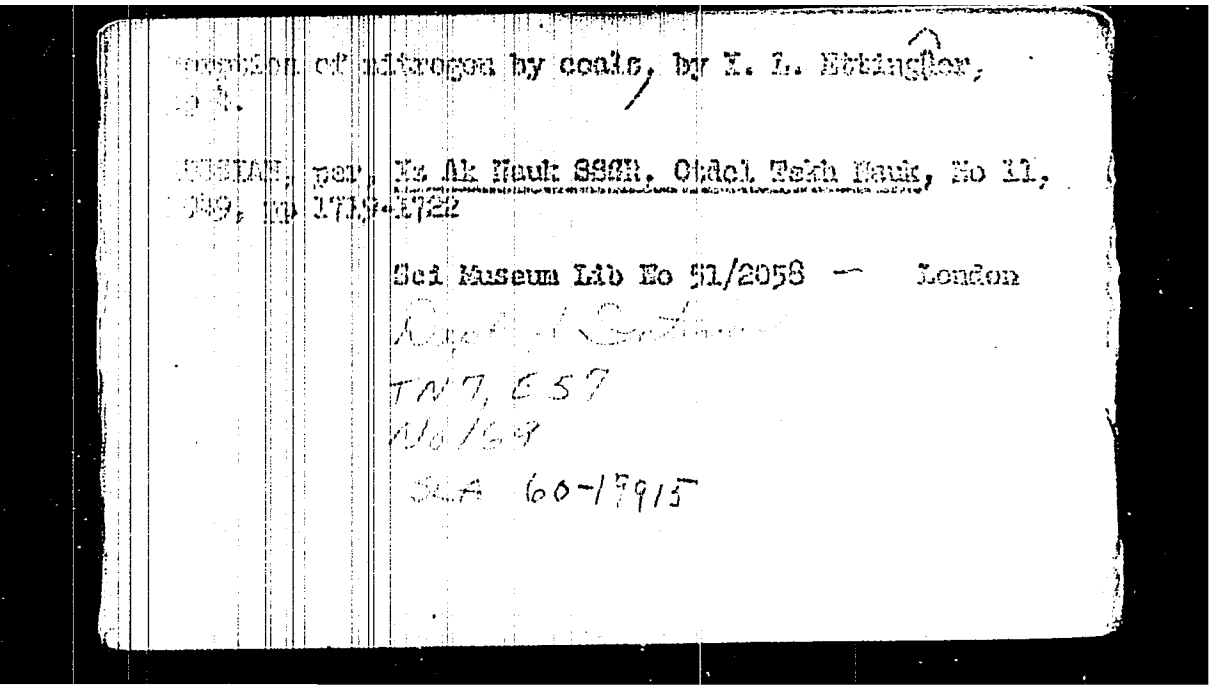

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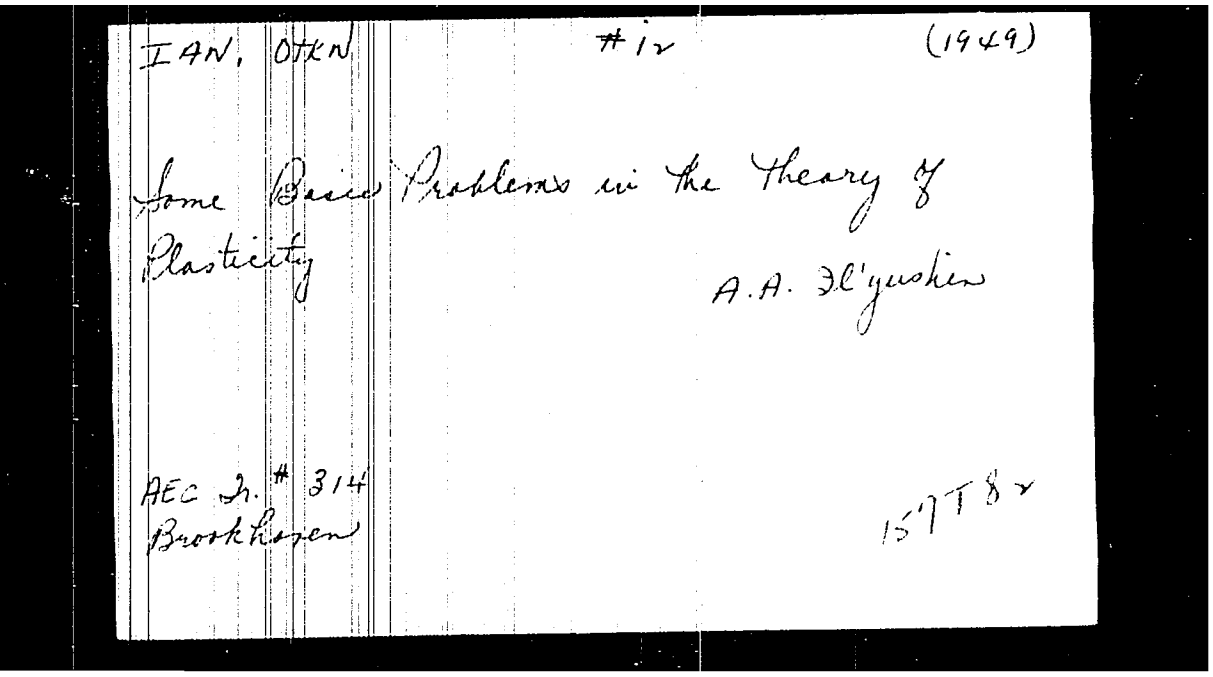

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Some Basic Problems in the Theory of Plasticity

A.A. Il'yushin

AEC Tr. # 314
Brookhaven

15 T 8 x

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NACA N-3875

Sci - Engineering Feb 52 CTS

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15

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Study of Influence of Tube Diameter and Position Upon Hydraulic Resistance and Flow Structure of Gas-Liquid Mixtures, by S. I. Kosterin

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 12, 1949, pp 1824-1831.

Brutcher Tr 3085 K-H 22/d

Scientific - Chemistry
CTS/DEK Price $7.90 1053

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Kosterin, S.I.
ONDERZOEK NAAR DE INVLOED VAN DIAMETER EN STAND VAN EEN BUIS OP DE STROMINGSWEERSTAND EN HET STROMINGSBEELD VAN GAS-VLOEISTOFMENGELS (Investigation into the influence of the diameter and position of a pipe on the resistance and the figure of flow of gasliquid mixtures).
18 p. 9 refs. MTWL: 457. (Text in Dutch).
Order from OTS or ETC $1.85 61-17036

Trans. of Akademiya Nauk SSSR Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1949, no.12, p. 1824-1831.

DESCRIPTORS: *Gas flow, *Fluid flow, Aerodynamics, Hydrodynamics, *Resistance, *Pipes.

61-17036

I. Kosterin, S.I.
II. MTWL-457
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

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Sci - Phys

Dec 51

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Sokolik, A. S., Voinov, A. N., and Sviridov, Yu. B. INFLUENCE OF CHEMICAL AND TURBULENCE FACTORS ON THE COMBUSTION PROCESS UNDER ENGINE OPERATING CONDITIONS. [1963] 5p Order from OTS or SLA $1.10 63-18216

Partial trans. (conclusions) of Akad[emiya] Nauk SSSR. Otdel[enie] Tekh[nicheskikh] Nauk. Izvestiyii, 1949 [no. 12] p. 1843-1873.

DESCRIPTORS: *Combustion, Combustion chambers, Thermodynamics, Combustion chamber gases, Ignition, Flames, *Turbulence, Velocity.

(Physics--Thermodynamics, TT, v. 10, no. 10)

63-18216

I. Sokolik, A. S.
II. Voinov, A. N.
III. Sviridov, Yu. B.

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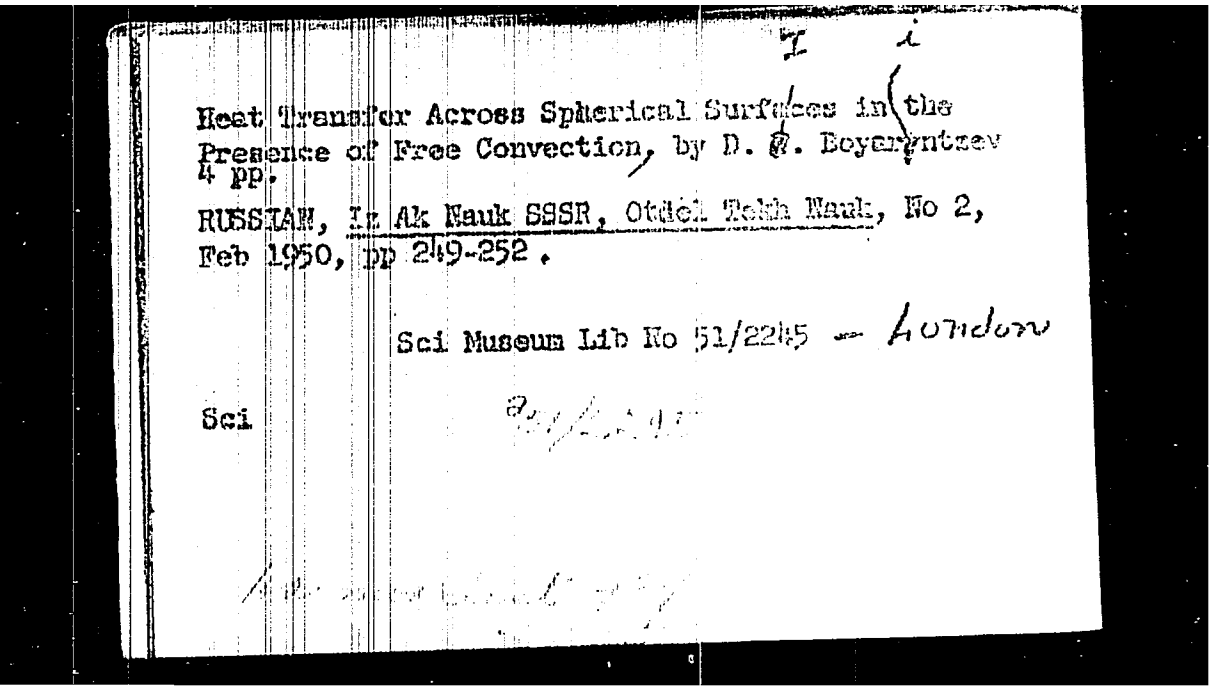

Heat Transfer Across Spherical Surfaces in the Presence of Free Convection, by D. A. Boyarintsev 4 pp.

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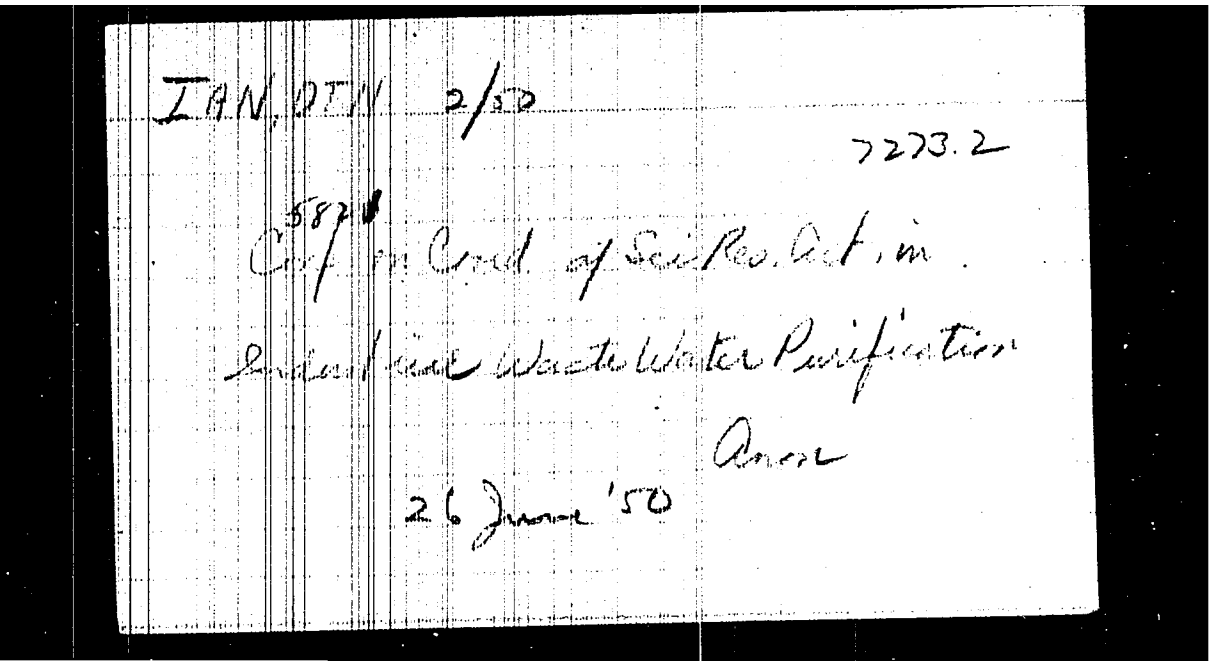

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